Pediatr Cardiol 23:689–695, 2002
DOI: 10.1007/s00246-002-9364-7

Pediatric Cardiology

© Springer-Verlag New York Inc. 2002

Author Index

Abd El Rahman MY, Abdul-Khaliq H, Vogel M, Alexi-Meskischvili V, Gutberlet M, Hetzer R, Lange PE: Value of the New Doppler-Derived Myocardial Performance Index for the Evaluation of Right and Left Ventricular Function Following Repair of Tetralogy of Fallot *502*

Abdel-Rahman U, Kleine P, Seitz U, Moritz A: Biventricular Pacing for Successful Weaning from Extracorporal Circulation in an Infant with Complex Tetralogy of Fallot *553*

Abdul-Khaliq H (*see* Abd El Rahman MY) *502*

Abdulla R: Congenital Heart Disease Management in Developing Countries (Editorial) *481*

Abdulla R: Pediatric Cardiology Text Books: Past, Present and Future (Editorial) *1*

Abinader EG (*see* Goldhammer EI) *605*

Abman SH (*see* Epting CL) *182*

Abuzakhar SS (*see* Maghur HA) *49*

Ahrens V (*see* Gerdes A) *388*

Akagi T (*see* Ishii M) *192*

Akaniroj S (*see* Soongswang J) *531*

Alehan D (*see* Ozkutlu S) *244*

Alexi-Meskishvili V (*see* Abd El Rahman MY) *502*

Alexi-Meskishvili V (*see* Dittrich S) *15*

Allan LD (*see* Brick DH) *449*

Allen DR (*see* Donofrio MT) *27*

Alliman AC (*see* Azeka E) *20*

Almeida-Filho OC, Schmidt A, Marin-Neto JA, Maciel BC: Functional Pulmonary Atresia in a Newborn with Normal Intracardiac Anatomy *647*

Anderson D (*see* Andrews R) *528*

Andrews R, Tulloh R, Magee A, Anderson D: Atrial Septal Defect with Failure to Thrive in Infancy: Hidden Pulmonary Vascular Disease? *528*

Andropoulos DB (*see* Mott AR) *624*

Anella J (*see* Robinson B) *618*

Arsos G, Moralidis E, Karatzas N, Iakovou I, Georga S, Koliouskas D, Langazalis G, Karakatsanis C: Heart Rate Is the Major Determinant of Diastolic Filling Pattern During Growth: A Radionuclide Ventriculography Assessment *378*

Aslamaci S (*see* Varan B) *437*

Assaqqat M, Galal MO, Baslaim G: Accessory Mitral Valve Tissue in Combination with Subaortic Membrane and Significant Impairment of Left Ventricular Function *87*

Ayabakan C (*see* Ozkutlu S) *244*

Azeka E, Costa Auler JO Jr, Kajita L, Alliman AC, Franchini Ramires JA, Ebaid M: Effects of Low Doses of Inhaled Nitric Oxide Combined with Oxygen for the Evaluation of Pulmonary Vascular Reactivity in Patients with Pulmonary Hypertension *20*

Backer CL (*see* Gotteiner N) *62*

Bago J (*see* Colomina MJ) *426*

Balaguru D (*see* Figueroa MI) *430*

Balakrishnan KR (*see* Parvathy U) *178*

Balfour I, Chen SC, Luisiri A: Pulmonary Varix Secondary to Pulmonary Vein Obstruction *661*

Baslaim G (*see* Assaqqat M) *87*

Bawa PK (*see* Hoke TR) *403*

Bedford SL (*see* Mott AR) *624*

Bendayán I, Casaldaliga J: Protein-Losing Enteropathy (Letter) *249*

Ben-Musa AA (*see* Maghur HA) *49*

Bennhagen RG, Holje G, Laurin S, Pesonen E: Coil Embolization of a Neonatal Pulmonary Arteriovenous Malformation *235*

Bezold LI (*see* Mott AR) *624*

Bezold LI (*see* Rutledge JM) *137*

Bini RM (*see* Rosti L) *32*

Birgen D (*see* Öcal B) *522*

Björkhem GE (*see* Hanséus KC) *152*

Bodurtha J (*see* Donofrio MT) *27*

Boettcher W (*see* Dittrich S) *15*

Bolton-Maggs PHB (*see* Holzer R) *548*

Bove EL (*see* Ohye RG) *472*

Brachlow A, Sable C, Smith S, Slack M, Martin G: Fetal Diagnosis and Postnatal Follow-Up of an Asymptomatic Congenital Left Ventricular Diverticulum *658*

Braden DS, O'Neal KR, McMullan MR, Ebeid MR: Congenital Coronary Arteriovenous Fistula Presenting with Syncope *218*

Brangenberg R, Bürger A, Römer U, Kozlik-Feldmann R, Netz H: Echocardiographic Assessment of Left Ventricular Size and Function in Normal Children from Infancy to Adolescence: Acoustic Quantification in Comparison with Traditional Echocardiographic Techniques *394*

Brick DH, Allan LD: Outcome of Prenatally Diagnosed Congenital Heart Disease: An Update *449*

Bricker JT (*see* Tortoriello TA) *542*

Britto J (*see* Mohan UR) *58*

Brodin LÅ (*see* Hanséus KC) *152*

Brown JW (*see* Johnson TR) *210*

Bürger A (*see* Brangenberg R) *394*

Butera G (*see* Rosti L) *32*

Byrne BJ (*see* Hoke TR) *403*

Çabuk F (*see* Öcal B) *522*

Cakir O, Eren N, Kilinc N: Cardiac Hydatic Cyst Causing Cerebral Emboli in a Child *555*

Calzolari A (*see* Silvetti MS) *3*

Campbell J (*see* Vizcaino A) *230*

Cao Q-L (*see* Harris M) *650*

Carlton JD (*see* DeGroff CG) *171*

Carminati M (*see* Rosti L) *32*

Casaldaliga J (*see* Bendayán I) *249*

Chatrath R, Shenoy R, Serratto M, Thoele DG: Physical Fitness of Urban American Children *608*

Chen SC (*see* Balfour I) *661*

Chessa M (*see* Rosti L) *32*

Cheung YF, Tsang HYH, Kwok JSY: Immunologic Profile of Patients with Protein-Losing Enteropathy

Complicating Congenital Heart Disease *587*
Chi A, Sable C, Cummings S, Martin G: An Aberrant Umbilical Vein Draining into the Coronary Sinus *655*
Chida K, Tanaka T, Saito H, Zuguchi M, Ozawa A, Watanabe S, Sato K, Kohzuki M: Ventriculography Using ECG-Gated Multiple Diastolic Injection of Contrast Material in Pediatric Angiocardiography *200*
Choy M (*see* Skeels M) *594*
Christiansen J (*see* Russell MW) *454*
Ciotti G (*see* Holzer R) *548*
Clark SJ, Yoxall CW, Subhedar NV: Right Ventricular Performance in Hypotensive Preterm Neonates Treated with Dopamine *167*
Cohen MI (*see* Hoffman TM) *598*
Colomina MJ, Puig L, Godet C, Villanueva C, Bago J: Prevalence of Asymptomatic Cardiac Valve Anomalies in Idipathic Scoliosis *426*
Connuck DM (*see* Kahwaji IY) *639*
Cordes T (*see* Lurito KJ) *462*
Corsello G (*see* Duca V) *474*
Costa Auler JO Jr (*see* Azeka E) *20*
Craatz S, Künzel E, Spanel-Borowski K: Classification of a Collection of Malformed Human Hearts: Practical Experience in the Use of Sequential Analysis *483*
Cummings S (*see* Chi A) *655*

Dahdah NS, Jaeggi E, Fournier A: Electrocardiographic Depolarization and Repolarization: Long-Term After Kawasaki Disease *513*
Dahdah NS (*see* Kahwaji IY) *639*
Dahdah NS (*see* Mull CC) *71*
Dalzell V (*see* Gotteiner N) *62*
Danford DA, Martin AB, Fletcher SE, Gumbiner CH: Echocardiographic Yield in Children When Innocent Murmur Seems Likely But Doubts Linger *410*
Daniëls O (*see* de Wolf D) *375*
Das BB (*see* Sharma J) *205*
de Munter C (*see* Mohan UR) *58*
de Wolf D, Daniëls O: Management of Valvar Aortic Stenosis in Children *375*
DeGroff CG: Doppler Echocardiography *307*
DeGroff CG, Carlton JD, Weinberg CE, Ellison MC, Shandas R, Valdes-Cruz L: Effect of Vessel Size on the Flow Efficiency of the Total Cavopulmonary Connection: In Vitro Studies *171*
Deutsch GH (*see* Epting CL) *182*
Di Donate RM (*see* Silvetti MS) *3*
Dipchand AI, Williams WG, Hornberger LK: Double Aortic Arch with Interruption Proximal to the Right Carotid Artery, Bilateral Patent Ductus Arteriosi, and Complex Congenital Heart Disease *246*
Dittrich S, Priesemann M, Fischer T, Boettcher W, Müller C, Alexi-Meskishvili V, Lange PE: Circulatory Arrest and Renal Function in Open-Heart Surgery on Infants *15*
Dönmez A (*see* Varan B) *437*
Donofrio MT, Allen DR, Tekin M, Bodurtha J: Autosomal Dominant Myocardial Disease Diagnosed by Fetal Presentation of Proband with an Aneurysm of the Muscular Interventricular Septum *27*
Donohue PK (*see* Hoke TR) *403*
Dossier J (*see* Pugh KJ) *77*
Drago F (*see* Silvetti MS) *3*
Duca V, Sulliotti G, Maggio C, Corsello G: Transposition of the Great Arteries and Aortopulmonary Window in the Same Patient: Clinical Report and Follow-Up *474*
Duffy CE (*see* Gotteiner N) *62*
Durongpisitkul K, Soongswang J, Laohaprasitiporn D, Nana A, Sriyoschati S, Ponvilawan S, Subtaweesin T, Kangkagate C: Comparison of Atrial Septal Defect Closure Using Amplatzer Septal Occluder with Surgery *36*
Durongpisitkul K (*see* Soongswang J) *531*

Ebaid MR (*see* Azeka E) *20*
Ebeid MR (*see* Braden DS) *218*
Echigo S (*see* Tsuda E) *9*
Egami K (*see* Ishii M) *192*
Ellison MC (*see* DeGroff CG) *171*
Emala CW (*see* Zhao Y) *536*
Endo M, Yamaki S, Hata M, Saiki Y, Tabayashi K: Pulmonary Vascular Changes Induced by Unilateral Pulmonary Venous Obstruction *420*
Ensing GJ (*see* Graziano JN) *146*
Epstein ML (*see* Horenstein MS) *100*
Epting CL, Wolfe RR, Abman SH, Deutsch GH, Ivy D: Reversal of Pulmonary Hypertension Associated with Plexiform Lesions in Congenital Heart Disease: A Case Report *182*
Eren N (*see* Cakir O) *555*
Ertem U (*see* Öcal B) *522*
Eshaghpour E (*see* Robinson B) *618*
Eyskens B (*see* Weidemann F) *292*

Feldman BJ, Rosenthal D: Carbohydrate-Deficient Glycoprotein Syndrome-Associated Pericardial Effusion Treated with Corticosteroids and Salicylic Acid *469*
Feltes TF (*see* Mott AR) *624*
Figueroa MI, Balaguru D, McClure C, Kline CH, Radtke WAK, Shirali GS: Experience with Use of Multiplane Transesophageal Echocardiography to Guide Closure of Atrial Septal Defects Using the Amplatzer Device *430*
Fischer T (*see* Dittrich S) *15*
Fletcher SE (*see* Danford DA) *410*
Fontes Pedra SRF, Pedra CAC, Jatene Bosisio IB, Jatene MB: Left Ventricle to Coronary Sinus Fistula Complicating the Outcome of Transposition of the Great Arteries *466*
Formigari R, Gallo P: About Congenital Polyvalvular Disease (Letter) *110*
Fournier A (*see* Dahdah NS) *513*
Franchini Ramires JA (*see* Azeka E) *20*
Fraser CD Jr (*see* Mott AR) *624*
Fraser CD Jr (*see* Rutledge JM) *137*
Frigiola A (*see* Rosti L) *32*
Frommelt MA (*see* Frommelt PC) *53*
Frommelt PC, Whitstone EN, Frommelt MA: Experience with a DICOM-Compatible Digital Pediatric Echocardiography Laboratory *53*
Fukuda T, Nakamura Y, Iemura J, Oku H: Onset of Complete Atrioventricular Block 15 Years After Ventricular Septal Defect Surgery *80*
Fukushige T (*see* Kamimura J) *122*
Furui J (*see* Ishii M) *192*

Galal MO (*see* Assaqqat M) *87*
Gallo P (*see* Formigari R) *110*
Galm C (*see* Riexinger M) *84*
Gaynor JW (*see* Hoffman TM) *598*
Georga S (*see* Arsos G) *378*
Gerdes A, Hanke T, Ahrens V, Pfister G, Sievers H-H: Does Caval Aplanarity Influence Power Losses Across In Vitro Cavopulmonary Connections? *388*
Geva T: Future Directions of Congenital Heart Disease Imaging (Editorial) *117*

Giamberti A (*see* Rosti L) *32*
Girod DA (*see* Johnson TR) *210*
Giudice G (*see* Pipitone S) *557*
Giuffrè M (*see* Pipitone S) *557*
Godet C (*see* Colomina MJ) *426*
Godinez RI (*see* Hoffman TM) *598*
Goldhammer EI, Zaid G, Tal Y, Jaffe M, Abinader EG: QT Dispersion in Infants with Apparent Life-Threatening Events Syndrome *605*
Gomez CA (*see* Graziano JN) *146*
Gomez CA (*see* Russell MW) *454*
Gotteiner N, Mavroudis C, Backer CL, Pahl E, Duffy CE, Dalzell V, Shulman ST: Coronary Artery Bypass Grafting for Kawasaki Disease *62*
Graziano JN, Heidelberger KP, Ensing GJ, Gomez CA, Ludomirsky A: The Influence of a Restrictive Atrial Septal Defect on Pulmonary Vascular Morphology in Patients with Hypoplastic Left Heart Syndrome *146*
Grifka RG (*see* Tortoriello TA) *542*
Gross GJ (*see* Sanatani S) *508*
Gumbiner CH (*see* Danford DA) *410*
Gutberlet M (*see* Abd El Rahman MY) *502*

Habibi P (*see* Mohan UR) *58*
Hagel K-J (*see* Michel-Behnke I) *221*
Hamilton RM (*see* Sanatani S) *508*
Hanke T (*see* Gerdes A) *388*
Hanséus KG, Björkhem GE, Brodin LÅ, Pesonen E: Analysis of Atrioventricular Plane Movements by Doppler Tissue Imaging and M-Mode in Children with Atrial Septal Defects Before and After Surgical and Device Closure *152*
Harada K, Tamura M, Toyono M, Yasuoka K: Effect of Dobutamine on a Doppler Echocardiographic Index of Combined Systolic and Diastolic Performance *613*
Harada K (*see* Ito T) *491*
Harris M, Cao Q-L, Waight D, Hijazi ZM: Successful Combined Orthotopic Liver Transplant and Transcatheter Management of Atrial Septal Defect, Patent Ductus Arteriosus, and Peripheral Pulmonic Stenosis in a Small Infant with Alagille Syndrome *650*
Hasui K (*see* Yoshinaga M) *239*
Hata M (*see* Endo M) *420*
Hayabuchi Y (*see* Mori K) *160*
Heidelberger KP (*see* Graziano JN) *146*
Heise CT (*see* Robinson B) *618*
Hetzer R (*see* Abd El Rahman MY) *502*
Hijazi ZM (*see* Harris M) *650*
Himeno W (*see* Ishii M) *192*
Hishitani T, Hoshino K, Ogawa K, Koyanagi K, Nakamura Y: Perioperative Course in Two Cases of Tetralogy of Fallot with Portal Venous Atresia *545*
Hishitani T (*see* Hoshino K) *41*
Hofbeck M (*see* Rupprecht T) *127*
Hoffman TM, Wernovsky G, Wieand TS, Cohen MI, Jennings AC, Vetter VL, Godinez RI, Gaynor JW, Spray TL, Rhodes LA: The Incidence of Arrhythmias in a Pediatric Cardiac Intensive Care Unit *598*
Hoke TR, Donohue PK, Bawa PK, Mitchell RD, Pathak A, Rowe PC, Byrne BJ: Oxygen Saturation as a Screening Test for Critical Congenital Heart Disease: A Preliminary Study *403*
Holje G (*see* Bennhagen RG) *235*
Holzer R, Peart I, Ciotti G, Bolton-Maggs PHB: Idiopathic Multifocal Intracardiac and Pulmonary Thrombosis: Successful Treatment with rTPA *548*
Horenstein MS, Ross RD, Singh TP, Epstein ML: Carvedilol Reverses Elevated Pulmonary Vascular Resistance in a Child with Dilated Cardiomyopathy *100*
Hornberger LK (*see* Dipchand AI) *246*
Hoshino K, Ogawa K, Hishitani T, Kitazawa R: Studies of Magnesium in Congenital Long QT Syndrome *41*
Hoshino K (*see* Hishitani T) *545*
Hsieh K-S, Huang T-C, Lee C-L: Coronary Artery Fistulas in Neonates, Infants, and Children: Clinical Findings and Outcome *415*
Huang T-C (*see* Hsieh K-S) *415*

Iakovou I (*see* Arsos G) *378*
Iemura J (*see* Fukuda T) *80*
Iemura M (*see* Ishii M) *192*
Ikemoto Y, Teraguchi M, Kobayashi Y: Plasma Levels of Nitrate in Congenital Heart Disease: Comparison with Healthy Children *132*
Inamura N, Nakajima T, Kawata H, Kishimoto H: Left Pulmonary Venous Stenosis with Left Isomerism Heart: A Case Report of Intravascular Ultrasound Imaging *106*
Inoue Y, Kato M, Ohsuka T, Morikawa A: Successful Treatment of a Child with Inferior Vena Cava Thrombosis Using a Temporary Inferior Vena Cava Filter *74*
Inoue Y, Tomomasa T, Okada Y, Morikawa A: Divided Right Atrium Associated with Extensive Coronary Vein Abnormalities *68*
Ishibashi M (*see* Ishii M) *192*
Ishida A (*see* Murase M) *442*
Ishii M, Himeno W, Sawa M, Iemura M, Furui J, Muta H, Sugahara Y, Egami K, Akagi T, Ishibashi M, Kato H: Assessment of the Ability of Myocardial Contrast Echocardiography with Harmonic Power Doppler Imaging to Identify Perfusion Abnormalities in Patients with Kawasaki Disease at Rest and During Dipyridamole Stress *192*
Ishii M (*see* Muta H) *568*
Ito T, Harada K, Takada G: Changes in Pulmonary Venous Flow Patterns in Patients with Ventricular Septal Defect *491*
Ivy D (*see* Epting CL) *182*

Jaeggi E (*see* Dahdah NS) *513*
Jaffe M (*see* Goldhammer EI) *605*
Jatene Bosisio IB (*see* Fontes Pedra SRF) *466*
Jatene MB (*see* Fontes Pedra SRF) *466*
Jennings AC (*see* Hoffman TM) *598*
Johnson TR, Schamberger MS, Brown JW, Girod DA: Resolution of Acquired Pulmonary Arteriovenous Malformations in a Patient with Total Anomalous Systemic Venous Return *210*
Jureidini SB (*see* Pugh KJ) 77

Kahwaji IY, Connuck DM, Tafari N, Dahdah NS: A National Survey on the Pediatric Cardiologist's Clinical Approach for Patients with Kawasaki Disease *639*
Kajita L (*see* Azeka E) *20*
Kamimura J, Yoshinaga M, Kono Y, Yanagi S, Nishi J, Nomura Y, Fukushige T, Kusubae R, Shinkura R, Miyata K: A Simple Method for Evaluating Abnormal Lengthening of the QT Interval During the Face Immersion Test *122*
Kamiya T (*see* Tsuda E) *9*
Kangkagate C (*see* Durongpisitkul K) *36*
Kangkagate C (*see* Soongswang J) *531*

Karademir S (*see* Öcal B) *522*
Karakatsanis C (*see* Arsos G) *378*
Karatzas N (*see* Arsos G) *378*
Kato H (*see* Ishii M) *192*
Kato M (*see* Inoue Y) *74*
Kawata H (*see* Imamura N) *106*
Kilinc N (*see* Cakir O) *555*
Kimball TR: Pediatric Stress Echocardiography *347*
Kimura K (*see* Tsuda E) *9*
Kishimoto H (*see* Imamura N) *106*
Kitazawa R (*see* Hoshino K) *41*
Kleine P (*see* Abdel-Rahman U) *553*
Kline CH (*see* Figueroa MI) *430*
Kobayashi Y (*see* Ikemoto Y) *132*
Kohl T: Fetal Echocardiography: New Grounds to Explore During Fetal Cardiac Intervention *334*
Kohzuki M (*see* Chida K) *200*
Kojima Y (*see* Tokumura M) *496*
Koliouskas D (*see* Arsos G) *378*
Kono Y (*see* Kamimura J) *122*
Kovalchin JP (*see* Tortoriello TA) *542*
Koyanagi K (*see* Hishitani T) *545*
Kozlik-Feldmann R (*see* Brangenberg R) *394*
Kreissler P (*see* Rupprecht T) *127*
Künzel E (*see* Craatz S) *483*
Kuroda Y (*see* Mori K) *160*
Kusubae R (*see* Kamimura J) *122*
Kwok JSY (*see* Cheung YF) *587*

Lang D (*see* Riexinger M) *84*
Langazalis G (*see* Arsos G) *378*
Lange PE (*see* Abd El Rahman MY) *502*
Lange PE (*see* Dittrich S) *15*
Lanzarini L, Lucca E: Persistence of the Right Valve of the Sinus Venosus Resulting in an Unusually Prominent Chiari Network Remnant Mimicking Cor triatriatum Dexter *103*
Laohaprasitiporn D (*see* Durongpisitkul K) *36*
Laohaprasitiporn D (*see* Soongswang J) *531*
Laurin S (*see* Bennhagen RG) *235*
Lee C-L (*see* Hsieh K-S) *415*
Lee W-L (*see* Wang J-N) *518*
Leowattana W (*see* Soongswang J) *531*
Limpimwong N (*see* Soongswang J) *531*
Lin C-S (*see* Wang J-N) *518*
Litovsky S (*see* Vizcaino A) *230*
Loo J-C (*see* Sklansky MS) *577*
Lucas VW Jr (*see* Spencer R) *631*
Lucca E (*see* Lanzarini L) *103*
Ludomirsky A (*see* Graziano JN) *146*
Luedemann M (*see* Michel-Behnke I) *221*
Luisiri A (*see* Balfour I) *661*
Lurito KJ, Martin T, Cordes T: Right Atrial Primary Cardiac Osteosarcoma *462*

Maciel BC (*see* Almeida-Filho OC) *647*
Magee A (*see* Andrews R) *528*
Maggio C (*see* Duca V) *474*
Maghur HA, Ben-Musa AA, Salim ME, Abuzakhar SS: The Modified Blalock-Taussig Shunt: A 6-Year Experience from a Developing Country *49*
Mahle WT, McBride MG, Paridon SM: Exercise Performance in Tetralogy of Fallot: The Impact of Primary Complete Repair in Infancy *224*
Manabe T (*see* Mori K) *160*
Marboe C (*see* Sharma JR) *458*
Marin-Neto JA (*see* Almeida-Filho OC) *647*
Martin AB (*see* Danford DA) *410*
Martin G (*see* Brachlow A) *658*
Martin GR: Pediatric Echocardiography *255*
Martin GR (*see* Chi A) *655*
Martin T (*see* Lurito KJ) *462*
Marx GR, Sherwood MC: Three-Dimensional Echocardiography in Congenital Heart Disease: A Continuum of Unfulfilled Promises? No. A Presently Clinically Applicable Technology with an Important Future? Yes *266*
Matsuishi T (*see* Muta H) *568*
Matsumoto M (*see* Tokuda Y) *564*
Mavroudis C (*see* Gotteiner N) *62*
McBride MG (*see* Mahle WT) *224*
McCaffrey F: Around *PediHeart*: Amplatzer Septal Occluder® Device (Annotation) *83*
McCaffrey F: Around *PediHeart*: Aneurysm of the Right Ventricular Apex in a 24-Week Fetus (Annotation) *8*
McCaffrey F: Around *PediHeart*: Cardiomyopathy and Renal Failure (Annotation) *35*
McCaffrey F: Around *Pediheart*: Plastic Bronchitis (Annotation) *151*
McCaffrey F: Around *Pediheart*: Pulmonary Arteriovenous Malformations (Annotation) *215*
McCaffrey F: Around *Pediheart* Trisomy 18, An Ethical Dilemma (Annotation) *181*
McClure C (*see* Figueroa MI) *430*
McCullough G (*see* Waldman JD) *186*
McKenzie ED (*see* Mott AR) *624*
McMahon CJ (*see* Rutledge JM) *137*
McMahon CJ (*see* Tortoriello TA) *542*
McMullan MR (*see* Braden DS) *218*
Mercan S (*see* Varan B) *437*
Michel-Behnke I, Luedemann M, Hagel K-J, Schranz D: Serial Stent Implantation to Relieve In-Stent Stenosis in Obstructed Total Anomalous Pulmonary Venous Return *221*
Minich LL, Tani LY, Paul JJ: Technological Advances to Extend the Echocardiographic Imaging of Pediatric Patients *257*
Miranda CH (*see* Mott AR) *624*
Mitchell RD (*see* Hoke TR) *403*
Miyaji K, Murakami A, Suematsu Y, Takamoto S: Video-Assisted Cardioscopy for Infectious Endocarditis *562*
Miyata K (*see* Kamimura J) *122*
Mohan UR, Britto J, Habibi P, de Munter C, Nadel S: Noninvasive Measurement of Cardiac Output in Critically Ill Children *58*
Moller JH (*see* Mulder TJ) *580*
Momota T (*see* Murase M) *442*
Moore JW: Section on Cardiology and Cardiac Surgery of the American Academy of Pediatrics *113*
Moore JW (*see* Robinson B) *618*
Moorthy JSN (*see* Parvathy U) *178*
Moralidis E (*see* Arsos G) *378*
Mori K, Manabe T, Nii M, Hayabuchi Y, Kuroda Y, Tatara K: Plasma Levels of Natriuretic Peptide and Echocardiographic Parameters in Patients with Duchenne's Progressive Muscular Dystrophy *160*
Morikawa A (*see* Inoue Y) *68, 74*
Moritz A (*see* Abdel-Rahman U) *553*
Mott AR, Fraser CD Jr, McKenzie ED, Bezold LI, Andropoulos DB, Reul GJ, Miranda CH, Bedford SL, Feltes TF: Perioperative Care of the Adult with Congenital Heart Disease in a Free-Standing Tertiary Pediatric Facility *624*
Mulder TJ, Pyles LA, Stolfi A, Pickoff AS, Moller JH: A Multicenter Analysis of the Choice of Initial Surgical Procedure in Tetralogy of Fallot *580*
Mull CC, Dahdah NS, Scarfone RJ: Cerebral and Coronary Embolization of a Valvular Tumor *71*

Müller C (*see* Dittrich S) *15*
Murakami A (*see* Miyaji K) *562*
Murase M, Ishida A, Momota T: Serial Pulsed Doppler Assessment of Early Left Ventricular Output in Critically Ill Very Low-Birth-Weight Infants *442*
Muta H, Ishii M, Matsuishi T: Coronary Artery Aneurysms After Kawasaki Disease in a Patient with a Single Coronary Artery *568*
Muta H (*see* Ishii M) *192*

Nadel S (*see* Mohan UR) *58*
Nakae Y (*see* Yoshinaga M) *239*
Nakajima T (*see* Imamura N) *106*
Nakamura Y (*see* Fukuda T) *80*
Nakamura Y (*see* Hishitani T) *545*
Nana A (*see* Durongpisitkul K) *36*
Nana A (*see* Soongswang J) *531*
Nanri S (*see* Tokumura M) *496*
Netz H (*see* Brangenberg R) *394*
Nihill MR (*see* Rutledge JM) *137*
Nii M (*see* Mori K) *160*
Nishi J (*see* Kamimura J) *122*
Nitz W (*see* Rupprecht T) *127*
Nomura Y (*see* Kamimura J) *122*
Nomura Y (*see* Yoshinaga M) *239*
Nugent C (*see* Russell MW) *454*

O + uz D (*see* Öcal B) *522*
O'Brian Smith E (*see* Rutledge JM) *137*
O'Leary PW: Intracardiac Echocardiography in Congenital Heart Disease: Are We Ready to Begin the Fantastic Voyage? *286*
O'Neal KR (*see* Braden DS) *218*
Öcal B, O + uz D, Karademir S, Birgen D, Yüksek N, Ertem U, Çabuk F: Myocardial Performance Index Combining Systolic and Diastolic Myocardial Performance in Doxorubicm-Treated Patients and Its Correlation to Conventional Echo/Doppler Indices *522*
Oforl-Amanfo G (*see* Sharma JR) *458*
Ogawa K (*see* Hishitani T) *545*
Ogawa K (*see* Hoshino K) *41*
Ohsuka T (*see* Inoue Y) *74*
Ohye RG, Rutherford JA, Bove EL: Congenital Sternal Clefts *472*
Okada Y (*see* Inoue Y) *68*
Oku H (*see* Fukuda T) *80*
Onat T: Consideration of the Respiratory Phase in Diagnosing Cardiac Enlargement in Chest X-Ray of Children (Letter) *248*
Ono Y (*see* Tsuda E) *9*
Ozawa A (*see* Chida K) *200*
Ozkutlu S, Ayabakan C, Alehan D: Truncus Arteriosus with a Very Small Ventricular Septal Defect Diagnosed by Echocardiography *244*

Pahl E (*see* Gotteiner N) *62*
Paridon SM (*see* Mahle WT) *224*
Park J (*see* Skeels M) *594*
Parrish M (*see* Skeels M) *594*
Parvathy U, Balakrishnan KR, Ranjith MS, Moorthy JSN: False Aneurysm Following Modified Blalock-Taussig Shunt *178*
Pastore E (*see* Silvetti MS) *3*
Pathak A (*see* Hoke TR) *403*
Paul JJ (*see* Minich LL) *257*
Paul K (*see* Stiller B) *90*
Peart I (*see* Holzer R) *548*
Pedra CAC (*see* Fontes Pedra SRF) *466*
Peinemann F, Suedkamp M: Left-to-Right Shunt via Persistent Left Superior Vena Cava and Hypoplastic Coronary Sinus *566*
Pesonen E (*see* Bennhagen RG) *235*
Pesonen E (*see* Hanséus KG) *152*
Pfister G (*see* Gerdes A) *388*
Pickoff AS (*see* Mulder TJ) *580*
Pipitone S, Giudice G, Giuffrè M, Sperandeo V: Extreme Pulsus Alternans with P Wave Alternans in a Child *557*
Pomé G (*see* Rosti L) *32*
Ponvilawan S (*see* Durongpisitkul K) *36*
Priesemann M (*see* Dittrich S) *15*
Pugh KJ, Jureidini SB, Ream R, Syamasundar Rao P, Dossier J: Successful Thrombolytic Therapy of Pulmonary Embolism Associated with Urosepsis in an Infant *77*
Puig L (*see* Colomina MJ) *426*
Pyles LA (*see* Mulder TJ) *580*

Quaegebeur JM (*see* Sharma JR) *458*
Quaegebeur JM (*see* Zhao Y) *536*

Radhakrishnan N (*see* Shah MJ) *95*
Radtke WAR (*see* Figueroa MI) *430*
Ragonese P (*see* Silvetti MS) *3*
Ranjith MS (*see* Parvathy U) *178*
Rascher W (*see* Rupprecht T) *127*
Ratanarapee S (*see* Soongswang J) *531*
Ravikumar M (*see* Shah MJ) *95*
Ream R (*see* Pugh KJ) 77
Reul GJ (*see* Mott AR) *624*
Rhodes LA (*see* Hoffman TM) *598*
Rhodes LA (*see* Shah MJ) *213*
Riedel F (*see* Stiller B) *90*
Riexinger M, Galm C, Trotter A, Lang D: Restrictive Interatrial Communication with Protein-Losing Enteropathy and Coagulopathy in Hypoplastic Left Heart Syndrome After Norwood Palliation *84*
Robichaux WH (*see* Spencer R) *631*
Robinson B, Heise CT, Moore JW, Anella J, Sokoloski M, Eshaghpour E: Afterload Reduction Therapy in Patients Following Intraatrial Baffle Operation for Transposition of the Great Arteries *618*
Römer U (*see* Brangenberg R) *394*
Rosenthal D (*see* Feldman BJ) *469*
Ross RD (*see* Horenstein MS) *100*
Rosti L, Frigiola A, Bini RM, Giamberti A, Pomè G, Chessa M, Butera G, Carminati M: Growth After Neonatal Arterial Switch Operation for D-Transposition of the Great Arteries *32*
Rothman A (*see* Sklansky MS) *577*
Rowe PC (*see* Hoke TR) *403*
Rupprecht T, Nitz W, Wagner M, Kreissler P, Rascher W, Hofbeck M: Determination of the Pressure Gradient in Children with Coartation of the Aorta by Low-Field Magnetic Resonance Imaging *127*
Russell MW, Gomez C, Nugent C, Christiansen J: Large Fetal Pulmonary Arteriovenous Fistula: Impact on Pulmonary Development *454*
Rutherford JA (*see* Ohye RG) *472*
Rutledge JM, Nihill MR, Fraser CD, O'Brian Smith E, McMahon CJ, Bezold LI: Outcome of 121 Patients with Congenitally Corrected Transposition of the Great Arteries *137*

Sable C: Digital Echocardiography and Telemedicine Applications in Pediatric Cardiology *358*
Sable C (*see* Brachlow A) *658*
Sable C (*see* Chi A) *655*
Saiki Y (*see* Endo M) *420*
Saito H (*see* Chida K) *200*
Saleh M (*see* Sharma J) *205*
Salim ME (*see* Maghur HA) *49*
Sanatani S, Hamilton RM, Gross GJ: Predictors of Refractory Tachycardia in Infants with Supraventricular Tachycardia *508*
Sato K (*see* Chida K) *200*
Sawa M (*see* Ishii M) *192*
Scarfone RJ (*see* Mull CC) *71*

Schamberger MS (*see* Johnson TR) *210*
Schmidt A (*see* Almeida-Filho OC) *647*
Schranz D (*see* Michel-Behnke I) *221*
Seitz U (*see* Abdel-Rahman U) *553*
Serratto M (*see* Chatrath R) *608*
Shah MJ, Radhakrishnan N, Ravikumar M: Successful Radiofrequency Ablation of Atypical Left Ventricular Outflow Tachycardia Guided by Epicardial Activation Signals *95*
Shah MJ, Rhodes LA: Resolution of Electrical Storms After Discontinuation of ICD Therapy in a Child with Long QT Syndome *213*
Shandas R (*see* DeGroff CG) *171*
Sharma JR, Oforl-Amanfo G, Marboe C, Quaegebeur J: Congenital Left Ventricular Aneurysm with Pericardial Effusion: Prenatal Diagnosis, Surgical Management and Follow-Up *458*
Sharma JR, Saleh M, Das BB: Berry Syndrome with Trisomy 13 *205*
Shenoy R (*see* Chatrath R) *608*
Sherwood MC (*see* Marx GR) *266*
Shinkura R (*see* Kamimura J) *122*
Shirali GS (*see* Figueroa MI) *430*
Shulman ST (*see* Gotteiner N) *62*
Sievers H-H (*see* Gerdes A) *388*
Silvetti MS, Drago F, Pastore E, Turchetta A, Calzolari A, Di Donate RM, Ragonese P: Dose Chronic Pacing Affect Exercise Capacity After Mustard Operation for Transposition of the Great Arteries? *3*
Singh TP (*see* Horenstein MS) *100*
Skeels M, Taylor D, Park J, Parrish M, Choy M: Test Characteristics of a Level I or II Fetal Ultrasound in Detecting Structural Heart Disease *594*
Sklansky MS, Loo J-C, Rothman A: Ambiguity and Mistakes in the Pediatric Cardiology Vernacular *577*
Slack M (*see* Brachlow A) *658*
Smith S (*see* Brachlow A) *658*
Sokoloski M (*see* Robinson B) *618*
Soongswang J, Durongpisitkul K, Ratanarapee S, Leowattana W, Nana A, Laohaprasitiporn D, Akaniroj S, Limpimwong N, Kangkagate C: Cardiac Troponin T: Its Role in the Diagnosis of Clinically Suspected Acute Myocarditis and Chronic Dilated Cardiomyopathy in Children *531*
Soongswang J (*see* Durongpisitkul K) *36*
Spanel-Borowski K (*see* Craatz S) *483*
Spencer R, Robichaux WH, Superneau DW, Lucas VW Jr: Unusual Cardiac Malformations in Conjoined Twins: Thoracopagus Twins with Conjoined Pentalogy of Cantrell and an Omphalopagus Twin with Atretie Ventricles *631*
Sperandeo V (*see* Pipitone S) 557
Spray TL (*see* Hoffman TM) *598*
Sriyoschati S (*see* Durongpisitkul K) *36*
Stiller B, Riedel F, Paul K, van Landeghem FKH: Plastic Bronchitis in Children with Fontan Palliation: Analogue to Protein Losing Enteropathy? *90*
Stolfi A (*see* Mulder TJ) *580*
Subhedar NV (*see* Clark SJ) *167*
Subtaweesin T (*see* Durongpisitkul K) *36*
Suedkamp M (*see* Peinemann F) *566*
Suematsu Y (*see* Miyaji K) *562*
Sugahara Y (*see* Ishii M) *192*
Sugita T (*see* Tokuda Y) *564*
Sulliotti G (*see* Duca V) *474*
Sun LS (*see* Zhao Y) *536*
Superneau DW (*see* Spencer R) *631*
Sutherland GR (*see* Weidemann F) *292*
Syamasundar Rao P (*see* Pugh KJ) *77*

Tabayashi K (*see* Endo M) *420*
Tafari N (*see* Kahwaji IY) *639*
Takada G (*see* Ito T) *491*
Takamoto S (*see* Miyaji K) *562*
Tal Y (*see* Goldhammer EI) *605*
Tamura M (*see* Harada K) *613*
Tanaka T (*see* Chida K) *200*
Tani LY (*see* Minich LL) *257*
Tatara K (*see* Mori K) *160*
Taylor D (*see* Skeels M) *594*
Tekin M (*see* Donofrio MT) *27*
Teraguchi M (*see* Ikemoto Y) *132*
Thoele DG (*see* Chatrath R) *608*
Tokel K (*see* Varan B) *437*
Tokuda Y, Matsumoto M, Sugita T, Yoshimura S: Methicillin-Resistant *Staphylococcus aureus* Endocarditis Following Repair of Tetralogy of Fallot *564*
Tokumura M, Yoshiba S, Kojima Y, Nanri S: Impaired Cardiorespiratory Response to Brief Sudden Strenous Exercise in the Postoperative Tetralogy of Fallot Patients: A Ten-Second Pedaling Test *496*
Tomomasa T (*see* Inoue Y) *68*
Tortoriello TA, McMahon C, Kovalchin JP, Bricker JT, Grifka RG: Growth of an Atrial Septal Defect: Missing the Window for Transcatheter Closure *542*
Toyono M (*see* Harada K) *613*
Trotter A (*see* Riexinger M) *84*
Tsai Y-C, Wang J-N, Yang Y-J, Wu J-M: Aortico-Cameral Communication from Left Sinus Valsalva Aneurysm to Right Atrium via a Tortuous Tunnel with Aneurysmal Dilatation *108*
Tsai Y-C (*see* Wang J-N) *518*
Tsang HYH (*see* Cheung YF) *587*
Tsuda E, Kamiya T, Kimura K, Ono Y, Echigo S: Coronary Artery Dilatation Exceeding 4.0 mm During Acute Kawasaki Disease Predicts a High Probability of Subsequent Late Intima-Medial Thickening *9*
Tulloh R (*see* Andrews R) *528*
Turchetta A (*see* Silvetti MS) *3*

Valdes-Cruz L (*see* DeGroff CG) *171*
van Ladeghem FKH (*see* Stiller B) *90*
Van Praagh R (*see* Vizcaino A) *230*
Varan B, Tokel K, Mercan S, Dönmez A, Aslamaci S: Systemic Inflammatory Response Related to Cardiopulmonary Bypass and Its Modification by Methyl Prednisolone: High Dose Versus Low Dose *437*
Vetter VL (*see* Hoffman TM) *598*
Villanueva C (*see* Colomina MJ) *426*
Vizcaino A, Campbell J, Litovsky S, Van Praagh R: Single Origin of Right and Left Pulmonary Artery Branches from Ascending Aorta with Nonbranching Main Pulmonary Artery: Relevance to a New Understanding of Truncus Arteriosus *230*
Vogel M (*see* Abd El Rahman MY) *502*

Wagner M (*see* Rupprecht T) *127*
Waight D (*see* Harris M) *650*
Waldman JD, McCullough G: A Calculus of *Unnecessary* Echoes: Application of Management Principles to Health Care *186*
Wang J-N, Tsai Y-C, Lee W-L, Lin C-S, Wu J-M: Complete Atrioventricular Block Following Myocarditis in Children *518*
Wang J-N (*see* Tsai Y-C) *108*
Watanabe S (*see* Chida K) *200*
Weidemann F, Eyskens B, Sutherland GR: New Ultrasound Methods to

Quantify Regional Myocardial Function in Children with Heart Disease *292*
Weinberg CE (*see* DeGroff CG) *171*
Wernovsky G (*see* Hoffman TM) *598*
Whitstone EN (*see* Frommelt PC) *53*
Wieand TS (*see* Hoffman TM) *598*
Williams WG (*see* Dipchand AI) *246*
Wolfe RR (*see* Epting CL) *182*
Wu J-M (*see* Tsai Y-C) *108*
Wu J-M (*see* Wang J-N) *518*

Xia CS (*see* Xie C) *216*
Xie C, Xia CS: Pseudohypertrophic Muscular Dystrophy with Pulmonary Valve Stenosis: An Unusual Association *216*
Xu D (*see* Zhao Y) *536*

Yamaki S (*see* Endo M) *420*
Yanagi S (*see* Kamimura J) *122*
Yang Y-J (*see* Tsai Y-C) *108*
Yasuoka K (*see* Harada K) *613*
Yoshiba S (*see* Tokumura M) *496*
Yoshimura S (*see* Tokuda Y) *564*
Yoshinaga M (*see* Kamimura J) *122*
Yoshinaga M, Nakae Y, Nomura Y, Hasui K: Idiopathic Severe Pulmonary Hypertension in an Infant with Pulmonary Infection *239*
Yoxall CW (*see* Clark SJ) *167*
Yüksek N (*see* Öcal B) *522*

Zaid G (*see* Goldhammer EI) *605*
Zhao Y, Xu D, Quaegebeur JM, Emala CW, Sun LS: Expression of Adenylyl Cydase V/VI mRNA and Protein Is Upregulated in Cyanotic Infant Human Myocardium *536*
Zuguchi M (*see* Chida K) *200*

Pediatr Cardiol 23:696–702, 2002
DOI: 10.1007/s00246-002-9365-6

Pediatric Cardiology

© Springer-Verlag New York Inc. 2002

Subject Index

Accessory mitral valve tissue, with subaortic membrane and impairment of left ventricular function (CR); 87
Acoustic quantification (AQ), of left ventricular function; 394
Adenylyl cyclase V/VI, mRNA and protein expression in cyanotic and acyanotic TOF patients; 536
Adults, with congenital heart disease, outcome from treatment at pediatric facility; 624
Afterload reduction therapy, after intraatrial baffle operation for TGA; 618
Age, effect on left ventricular diastolic function; 394
role in reversal of pulmonary hypertension after PDA ligation; 182
Alagille syndrome, orthotopic liver transplant and transcatheter management of heart defects in infant with (CR); 650
American children, physical fitness of; 608
Amiodarone, ICD therapy for LQTS replaced by (CR); 213
Amplatzer septal occluder, heart defects in infant with Alagille syndrome treated by (CR); 650
of ASD, use of MTEE in guidance of; 430
risks and complications of (A); 83
transcatheter closure of ASD using; 36
Anatomic defects, 3D echocardiography of; 266
Angiocardiography, ventriculography using ECG-gated multiple diastolic injection of contrast material in; 200
Anthracycline cardiotoxicity, use of Myocardial Performance Index in; 522
Aortic valve, 3D echocardiography of; 266
Aortico-cameral communication, echocardiography and angiography showing; 108
Aortopulmonary window, TGA and; 474
Aplanarity, effect on power loss across cavopulmonary connections; 388
Apparent life-threatening events syndrome, QT dispersion in; 605
Arrhythmia, incidence in pediatric ICU; 598
Arterial switch operation, for d-TGA in neonates, growth after; 32
Atretic ventricles, in omphalopagus twins; 631
Atrial septal defect (ASD), atrioventricular function before and after closure of; 152
in infant with Alagille syndrome, liver transplant and transcatheter management of (CR); 650
MTEE guides Amplatzer device closure of; 430
restrictive in HLS patients, effect on pulmonary vasculature; 146
3D echocardiography of; 266
Atrial septal defect (ASD), transcatheter closure outgrown by (CR); 542
transcatheter vs. surgical closure of; 36
Atrial septal defect (ASD), with failure to thrive, surgery in infants with; 528
effect of surgical and device closure for ASD on; 152
Berry syndrome, trisomy 13 and (CR); 205
Beta blockers, reverse elevated pulmonary vascular resistance in dilated cardiomyopathy with CHF (CR); 95
Biventricular pacing therapy, infant with TOF weaned from extracorporal circulation by (CR); 553
Biventricular repair, of ccTGA, outcome of; 137
Blalock–Taussig shunt, false aneurysm after; 178
modified, experience in developing country; 49
Bronchial casts, after Fontan procedure, HMW heparin for treatment of (CR); 90
Bruce treadmill protocol, urban American children tested by; 608
Business management principles, applied to health care management; 186
Carbohydrate-deficient glycoprotein syndrome (GDGS-Iα), pericardial effusion and (CR); 469
Cardiac enlargement, role of respiratory phase in chest X-ray in diagnosis of; 248
Cardiac hydatid cyst, cerebral emboli caused by (CR); 555
Cardiac malformation, in conjoined twins, conjoined pentalogy of Cantrell and atretic ventricles as cases of; 631
sequential segmental analysis for classification of; 483
Cardiac output, transesophageal vs. suprasternal Doppler measurement of; 58
Cardiac surgery, multicenter analysis of choice of initial procedure in TOF treated by; 580
Cardiac troponin T, role in diagnosis of acute myocarditis and chronic dilated cardiomyopathy; 531
Cardiac valve anomalies, idiopathic scoliosis and; 426
Cardiomyopathy, dilated, renal failure and (A); 35

Cardiopulmonary bypass, efficacy of high-dose methyl prednisolone in suppressing SIR after; 437
Cardiovascular imaging, future direction of; 117
Carvedilol, reverses elevated pulmonary vascular resistance in dilated cardiomyopathy with CHF (CR); 95
Catheter intervention, role of echocardiography in; 334
Cavopulmonary connections, effect of caval aplanarity on power loss across; 388
Cerebral emboli, cardiac hydatid cyst as cause of (CR); 555
Chiari network remnant, persistence of right valve of sinus venosus mimicks; 103
Classification, of malformed hearts, sequential segmental analysis for; 483
Coarctation of aorta, low-field MRI determines pressure gradient in; 127
Coil embolization, treatment of coronary artery fistula with; 415
Color Doppler flow imaging, quantitative methods and applications of; 307
Complete atrioventricular block (CAVB), after ventricular septal defect surgery (CR); 80
following myocarditis; 518
Congenital heart defects, intracardiac echocardiography in; 286
Congenital heart disease, accuracy of level I/II fetal ultrasound examination in detection of; 594
DICOM-compatible digital echocardiography in study of; 53
Doppler echocardiography in; 307
double aortic arch with interruption; 246
future direction of imaging in; 117
immunologic profile of patients with protein-losing enteropathy and; 587
innocent-sounding murmur and; 410
outcome of prenatal diagnosis of; 449
oxygen saturation as screening test for; 403
perioperative care in pediatric facility of adults with; 624
plasma nitrate levels and pulmonary hypertension in; 132
3D echocardiography of; 266
Congenital left ventricular aneurysm, with pericardial effusion, prenatal diagnosis and surgical management of (CR); 458
Congenital left ventricular diverticulum, fetal diagnosis and postnatal followup of; 658
Congenital myocardial disease, interventricular septum aneurysm as; 27
Congenital polyvalvular disease, comment on morphologic and pathogenetic characteristics of; 110
Congenital sternal cleft, treatment of; 472
Congestive heart failure, with dilated cardiomyopathy β-blocker therapy for (CR); 95
Conjoined twins, conjoined pentalogy of Cantrell and atretic ventricles in; 631
Continuous wave Doppler imaging, quantitative methods and applications of; 307
Contrast medium, in ventriculography, EGC-gated multiple diastolic injection of; 200
Cor triatriatum dexter, extensive coronary vein abnormalities associated with (CR); 68
Coronary arteriovenous fistula, syncope and (CR); 218
Coronary artery aneurysm, after KD in patient with single coronary artery; 568
after KD, depolarization and repolarization in patients with; 513 in KD, revascularizatkm for; 62
Coronary artery dilatation, in KD, late intima-medial thickening after; 9
Coronary artery fistula, clinical findings and outcome; 415
Coronary sinus, absence associated with divided right atrium (CR); 68
Corticosteroids, CDGS-Ia in pericardial effusion treated with (CR); 469
Cyclical variations in integrated backscatter, interrelation of regional myocardial 1D and 2D strains with; 292
D-transposition of great arteries, growth after neonatal arterial switch operation for; 32
Deep hypothermic circulatory arrest (DHCA), in open heart surgery, effect on renal function; 15
Developing countries, management of congenital heart disease in; 481
modified Blalock–Taussig shunt experience in; 49
Device closure, of ASD, effect on atrioventricular function; 152
Diastolic filling pattern, role of heart rate in; 378
Diastolic function, in DMD, plasma ANP and BNP levels and; 160
Digital echocardiography, overview of state of the art and advantages and limitations of; 358
telemedicine and; 358
Digital image capture and storage, of echocardiograms, use of DICOM-compatible protocol in; 53
Digital Imaging and Communications in Medicine (DICOM), digital echocardiography laboratory compatible with; 53
standard in digital echocardiography; 358
Dilated cardiomyopathy, renal failure and (A); 35
role of cardiac troponin T in diagnosis of; 531
Divided right atrium, extensive coronary vein abnormalities associated with (CR); 68
Dobutamine, effect on Doppler echocardiographic index of combined systolic and diastolic performance; 613

Dopamine, effect on right ventricular performance in hypotensive preterm neonates; 167
Doppler echocardiography, correlation of MPI in doxorubicin-treated patients with; 522
effect of dobutamine on Tei index derived from; 613
functional pulmonary atresia in newborn with normal intracardiac anatomy diagnosed by (CR); 647
Myocardial Performance Index derived from; 502
pulmonary venous flow patterns in VSD studied by; 491
quantitative methods and applications of; 307
umbilical vein drainage into coronary sinus detected by; 655
Doppler myocardial imaging, quantification of regional myocardial function by; 292
Double aortic arch, with interruption, proximal to right carotid artery; 246
Double switch procedure, for congenitally corrected TGA; 137
Doxorubicin toxicity, MPI vs, Doppler echocardiography for measuring systolic and diastolic function parameters in; 522
Duchenne's progressive muscular dystrophy (DMD), plasma ANP and BNP for detection of cardiac systolic dysfunction in; 160
ECG-gated multiple diastolic injection (EMDI), ventriculography in angiocardiography using; 200
Echocardiograms, evaluation of clinical utility of; 186
Echocardiography, digital, telemedicine and; 358
Doppler, quantitative methods and applications of; 307
fetal, role in fetal selection and cardiac intervention; 334
in patients with congenital heart disease in innocent murmur; 410
intracardiac, current results in adults and potential application in children; 286
of coarctation of aorta compared with low-field MRI; 127
of left ventricular function, AQ vs. traditional techniques of; 394
stress, myocardial perfusion and cardiac gradients measured by; 347
technological advances in; 257
3D, description and instrumentation of and applications for; 266
Echocardiography laboratory, DICOM-compatible digital, experience with; 53
Exercise, effect of chronic pacing after Mustard operation on; 3
impact of primary complete repair of TOF in infancy on performance during (CR); 224
Exercise capacity, effect of enalapril after intraatrial baffle operation for TGA on; 618
of postoperative TOF patients using 10-s pedaling test; 496
Exercise treadmill test, physical fitness of urban American children measured by; 608
Extracorporal circulation, in infant with TOF, biventricular pacing therapy for weaning from (CR); 553
Face immersion test, abnormal lengthening of QT interval during; 122
Failure to thrive, atrial septal defect in infants and; 528
False aneurysm, Blalock-Taussig shunt followed by; 178
Fetal cardiac intervention, role of echocardiography in; 334
Fetal echocardiography, congenital left ventricular diverticulum diagnosed by; 658
role in fetal selection and cardiac intervention; 334
Fetal surgery, role of echocardiography in; 334
Fetal ultrasound, reliability in detecting abnormal heart anatomy; 594
Fetus, congenital heart disease diagnosed in; 449
with right ventricular apex aneurysm, prognosis for (A); 8
Flow quantification, in low-field MRI; 127
Fontan procedure, effect of vessel size on flow efficiency after; 171
plastic bronchitis after (CR); 90
Functional pulmonary atresia, newborn with normal intracardiac anatomy and (CR); 647
Genetic cardiomyopathy, congenital interventricular septum aneurysm in fetus; 27
Growth, after neonatal arterial switch operation for d-TGA; 32
Guidelines, for management of Kawasaki disease, national survey of; 639
Harmonic imaging, role in pediatric echocardiographic imaging; 257
Harmonic power Doppler imaging (HPDI), perfusion abnormalities in KD identified by MCE with; 192
Health care management, business management principles applied to; 186
Heart murmur, innocent, incidence of heart disease with; 410
Heart rate, effect on left ventricular diastolic function; 394
effect on radionuclide ventriculographic diastolic indices during growth; 378
Hemodynamics, after total cavopulmonary connection, effect of vessel size on; 171
pulmonary vascular changes and; 420
High frequency transducers, role in pediatric echocardiographic imaging; 257

High molecular weight heparin, plastic bronchitis after Fontan operation treated by (CR); 90
Hydrodynamics, effect of aplanarity on cavo-pulmonary connections studied in models of; 388
Hypoplastic coronary sinus, with persistent left superior vena cava, left-to-right shunt via; 566
Hypoplastic left heart syndrome, effect of restrictive ASD on pulmonary vascular morphology; 146
restrictive interatrial communication after (CR); 84
Hypotension, effect of dopamine on right ventricular performance in preterm neonates with; 167
Hypoxemia, from congenital left ventricle to coronary sinus fistula (CR); 466
role in adenylyl cyclase mRNA and protein expression; 536
Idiopathic scoliosis, prevalence of asymptomatic cardiac valve anomalies in; 426
Immunologic profile, of patients with protein-losing enteropathy complicating congenital heart disease; 587
Implantable cardioverter device (ICD) therapy, for LQTS, electrical storms resolved after discontinuation of (CR); 213
Infancy, primary complete repair of TOF in (CR); 224
Infants, surgical closure of ASD in; 528
Infectious endocarditis, from methicillin-resistant *Staphylococcus aureus* after TOF repair (CR); 564
video-assisted cardioscopy for treatment of (CR); 562
Inferior vena cava (IVC) filter, IVC thrombosis treated by (CR); 74
Inferior vena cava (IVC) thrombosis, temporary IVC filter for treatment of (CR); 74
Intensive care unit, cardiac, incidence of arrhythmias in; 598
Interventional catheterization, role of intracardiac echocardiography in; 286
Interventional electrophysiology, role of intracardiac echocardiography in; 286
Interventricular septal aneurysm, autosomal dominant myocardial disease in fetus diagnosed with; 27
Intima-medial thickening, coronary artery dilatation in acute KD and; 9
Intraatrial baffle operation, for TGA, effect of afterload reduction therapy following; 618
Intracardiac echocardiography, current results in adults and potential application in children; 286
Intravascular ultrasound (IVUS), coronary artery dilatation in KD compared with intima-medial thickening using; 9
of pulmonary vein stenosis with left isomerism heart; 106
Ischemia reperfusion injury, DHCA in open heart surgery and; 15
Kawasaki disease (KD), coronary artery aneurysms after; 568
coronary artery bypass grafting for; 62
depolarization and repolarization in patients with coronary artery aneurysm in; 513
late intima-medial thickening and coronary artery dilatation in; 9
MCE with HPDI identified perfusion abnormalities in; 192
national survey on pediatric cardiologist's clinical approach for patients with; 639
Left atrial mass, 3D echocardiography of; 266
Left coronary cusp, LVOT LT in proximity of (CR); 95
Left isomerism heart, with left pulmonary venous stenosis, intravascular US imaging of; 106
Left main coronary artery, RF ablation site for LVOT near to (CR); 95
Left pulmonary artery, single origin with right PA from ascending aorta (CR), 230
Left pulmonary venous stenosis, with left isomerism heart, US imaging of; 106
Left ventricle to coronary sinus fistula, effect on outcome of TGA (CR); 466
Left ventricular aneurysm, with pericardial effusion, prenatal diagnosis and surgical management of (CR); 458
Left ventricular diverticulum, congenital, fetal diagnosis and postnatal followup of; 658
Left ventricular function, acoustic quantification of; 394
after TOF repair, MPI assessment of; 502
effect of dobutamine on Tei index in measurement of; 613
Left ventricular outflow tachycardia (LVOT), radiofrequency ablation of (CR); 95
Left ventricular output (LVO), in VLBW infants, serial pulsed Doppler assessment of; 442
Liver transplant, infant with Alagille syndrome treated with transcatheter management of heart defects and (CR); 650
Local myocardial velocity data sets, indices of regional deformation from; 292
Long QT syndrome (LQTS), congenital, magnesium in; 41
nonfamilial, new method of evaluation of; 122
resolution of electrical storms after discontinuation of ICD therapy for (CR); 213
Low field magnetic resonance imaging, pressure gradient in coarctation of aorta determined by; 127
Magnesium deficiency, in congenital long QT syndrome; 41

Magnesium supplementation, for recurrent syncope in Mg deficiency; 41
Magnetic resonance imaging, low-field, pressure gradient in coarctation of aorta determined by; 127
Methicillin-resistant Staphylococcus aureus, infectious endocarditis from (CR); 564
Methyl prednisolone, effect on SIR related to cardiopulmonary bypass; 437
Miniaturization, role in pediatric echocardiographic imaging; 257
Minute distance, linear cardiac output parameter measured by transesophageal Doppler US, 58
Mitral valve, 3D echocardiography of; 266
Multiplane transesophageal echocardiography (MTEE), Amplatzer device closure of ASD guided by; 430
Mustard operation, for TGA, effect of chronic pacing on exercise capacity after; 3
Myocardial contrast echocardiography (MCE), with HPDI, perfusion abnormalities in KD identified by; 192
Myocardial infarction, secondary to undifferentiated valvular tumor (CR); 71
Myocardial Performance Index (MPI), in doxorubicin-treated patients, correlation with conventional echo/Doppler indices; 522
ventricular function after TOF repair evaluated by; 502
Myocardial perfusion, role of stress echocardiography in assessment of; 347
Myocarditis, complete atrioventricular block after; 518
role of cardiac troponin T in diagnosis of; 531
Natriuretic peptide levels, atrial and brain, in DMD, echocardiographic parameters and; 160
Natural strain, from unidimensional color Doppler US imaging; 292
Neonates, coil embolization of PAVM in (CR); 235
coronary artery fistula in; 415
growth after arterial switch operation for d-TGA in; 32
hypotensive preterm, effect of dopamine on right ventricular performance in; 167
oxygen saturation as screening test of CHD in; 403
Nitric oxide, effect of pulmonary hypertension in congenital heart disease on production of; 132
inhaled with oxygen, effect on pulmonary hypertension; 20
Norwood operation, restrictive interatrial communication in hypoplastic left heart syndrome (CR); 84
Open heart surgery, circulatory arrest and renal function in; 15
for ASD, effect of atrioventricular function on; 152
Osteosarcoma, in right atrium, treatment of (CR); 462
Oxygen saturation, newborn screening for CHD using; 403
Pacemaker, for postoperative CAVB) (CR); 80
Pacing, after Mustard operation, effect on exercise capacity; 3
Patent ductus arteriosus (PDA), bilateral, double aortic arch and; 246
in infant with Alagille syndrome, liver transplant and transcatheter management of (CR); 650
reversal of pulmonary hypertension after ligation of; 182
Pediatric cardiac intensive care unit, incidence of arrhythmias in; 598
Pediatric facility, perioperative care of adult with congenital heart disease; 624
Pentalogy of Cantrell, in thoracopagus twins; 631
Pericardial effusion, CDGS-Ia-associated, corticosteroids and salicylic acid for treatment of (CR); 469
congenital left ventricular aneurysm with (CR); 458
Peripheral pulmonic stenosis, in infant with Alagille syndrome, liver transplant and transcatheter management of (CR); 650
Persistent left superior vena cava, with hypoplastic coronary sinus, left-to-right shunt via; 566
Physical fitness, of urban American children; 608
Plasma nitrate level, effect of age and pulmonary hypertension in congenital heart disease on; 132
Plastic bronchitis, after Fontan operation, analog to protein-losing enteropathy (CR); 90
review of cases of; 151
Portal hypertension, intracardiac repair of TOF in patients with (CR); 545
Prenatal diagnosis, of congenital heart disease, outcome of; 449
of congenital left ventricular aneurysm with pericardial effusion (CR); 458
of pulmonary arteriovenous fistula (CR); 454
Primary cardiac tumor, in right atrium, treatment of (CR); 462
Primary complete repair, of TOF in infancy, effect on exercise testing (CR); 224
Protein-losing enteropathy, after Norwood operation for hypoplastic left heart syndrome (CR); 84
heparin therapy and reversal of; 248
immunologic profile of patients with congenital heart disease complicated by; 587
plastic bronchitis after Fontan operation analogous to (CR); 90
Pseudohypertrophic muscular dystrophy, pulmonary valve stenosis with (CR); 216
Pulmonary arteriovenous fistula, fetal, effect on pulmonary vascular development (CR); 454

Pulmonary arteriovenous malformations (PAVM), acquired in total anomalous systemic venous return, resolution of (CR); 210
in neonates, coil embolization of (CR); 235
progressive cyanosis secondary to (A); 215
Pulmonary embolism, associated with urosepsis, recombinant tissue plasminogen activator for treatment of (CR); 77
Pulmonary hypertension, effect of inhaled NO + O_2 on; 20
from PDA with plexiform lesions, reversal of; 182
in congenital heart disease, effect on NO production; 132
in infant with pulmonary infection (CR); 238
pulmonary venous obstruction and pathogenesis of; 420
Pulmonary infection, idiopathic severe pulmonary hypertension in infant with (CR); 238
Pulmonary valve stenosis, pseudohypertrophic muscular dystrophy with (CR); 216
Pulmonary varix, pulmonary vein obstruction as cause of; 661
Pulmonary vascular development, effect of fetal pulmonary AV fistula on (CR); 454
Pulmonary vascular dysmorphology, in HLHS patients of restrictive ASD; 146
Pulmonary vascular reactivity, hemodynamic effect of inhaled NO + O_2 for evaluation of; 20
Pulmonary vein obstruction, pulmonary varix secondary to; 661
pulmonary vascular changes induced by; 420
Pulmonary venous flow, effect of VSD on patterns of; 491
Pulse oximetry, newborn screening for CHD using; 403
Pulsed Doppler echocardiography, LVO in VLBW infants assessed by; 442
Pulsed wave Doppler imaging, quantitative methods and applications of; 307
Pulsus alternans, with P wave alternans, nitroprusside treatment of (CR); 557
QT dispersion, apparent life-threatening events syndrome and; 605
QTc value, at minimum heart rate, abnormal lengthening of QT interval predicted by; 122
Radiofrequency ablation, atypical left ventricular outflow tachycardia treated by (CR); 95
Radionuclide ventriculography, role of heart rate in diastolic filling pattern assessed by; 378
Recombinant tissue plasminogen activator (rTPA), idiopathic multifocal intracardiac and pulmonary thrombosis treated by (CR); 548
pulmonary embolism associated with urosepsis treated by (CR); 77
Reimbursement, role in health care management; 186
Renal failure, dilated myocardiopathy and (A); 35
Renal function, effect of DHCA in open heart surgery on; 15
Respiratory phase, role in diagnosing cardiac enlargement in chest X rays; 248
Restrictive atrial septum, after Norwood procedure for hypoplastic left heart syndrome (CR); 84
in HLS patients, effect on pulmonary vasculature; 146
Right atrium, primary osteosarcoma in (CR); 462
Right carotid artery, double aortic arch with interruption near; 246
Right pulmonary artery, single origin with left PA from ascending aorta (CR); 230
Right valve of sinus venosus, persistence of mimicks Chiari network remnant; 103
Right ventricle, in hypotensive preterm neonates, effect of dopamine on; 167
Right ventricular apex aneurysm, prognosis for fetus with (A); 8
Right ventricular dysfunction, risk factor for biventricular repair of ccTGA; 137
Right ventricular function, after TOF repair, MPI assessment of; 502
Salicylic acid, CDGS-Ia in pericardial effusion treated with (CR); 469
Scientific method, clinical pediatric cardiology vernacular and; 577
Scoliosis, idiopathic, prevalence of asymptomatic cardiac valve anomalies in; 426
Sequential segmental analysis, classification of malformed human hearts using; 483
Signal averaged electrocardiography, depolarization and repolarization in KD patients with coronary artery aneurysm measured by; 513
Single coronary artery, coronary artery aneurysms after KD in patient with; 568
Single photon emission computed tomography (SPECT) imaging, MCE with HPDI in KD compared with; 192
Stent stenosis, in obstructed TAPVR, serial stent implantation for relief of (CR); 221
Strain imaging, potential clinical value of; 292
Strain rates, from unidimensional color Doppler US imaging; 292
Stress echocardiography, myocardial perfusion and cardiac gradients measured by; 347
Stroke, secondary to undifferentiated valvular tumor (CR); 71
Subaortic membrane, 3D echocardiography of; 266
with accessory mitral valve tissue, left ventricular dysfunction and (CR); 87
Suprasternal Doppler ultrasound, minute distance as indicator of cardiac output measured by; 58

Supraventricular tachycardia, predictors of refractory tachycardia in infants with; 508
Syncope, congenital coronary arteriovenous fistula (CR); 218
Mg deficiency in LQTS; 41
Systemic inflammatory response (SIR), related to cardiopulmonary bypass, effect of methyl prednisolone on; 437
Systolic function, in DMD, plasma ANP and BNP levels and; 160
Tei index, effect of dobutamine on; 613
Telemedicine, digital echocardiography and; 358
overview of state of the art and advantages and limitations of; 358
Ten second pedaling test, cardiorespiratory response of postoperative TOF patients to; 496
Terminology, in pediatric cardiology, ambiguity and mistakes in; 577
Tetralogy of Fallot (TOF), adenylyl cyclase mRNA and protein expression in cyanotic and acyanotic patients with; 536
cardiorespiratory response to strenuous exercise in postoperative patients with; 496
effect of exercise performance of primary complete repair of (CR); 224
methicillin-resistant *S. aureus* endocarditis after repair of (CR); 564
MPI assessment of ventricular function after repair of; 502
multicenter analysis of choice of initial surgical procedure in; 580
with portal venous atresia, perioperative course in (CR); 545
Three dimensional echocardiography, description and instrumentation of and applications for; 266
Thrombosis, idiopathic multifocal intracardiac, rTPA treatment of (CR); 548
Total anomalous pulmonary venous return (TAPVR), serial stent implantation to relieve instant stenosis in (CR); 221
Total anomalous systemic venous return, resolution of PAVM in (CR); 210
Total cavopulmonary connection, effect of vessel size on flow efficiency of; 171
Transcatheter closure, atrial septal defect outgrows treatment of (CR); 542
of ASD, surgery compared with; 36
Transcatheter coil embolization, of neonatal PAVM (CR); 235
Transesophageal Doppler ultrasound, minute distance as indicator of cardiac output measured by; 58
Transesophageal echocardiography, multiplane, Amplatzer device closure of ASD guided by; 430
Transposition of great arteries (TGA), ACE inhibitors after intraatrial baffle operation for; 618
aortopulmonary window and; 474
chronic pacing after Mustard operation for; 3
congenitally corrected, outcome of biventricular repair of; 137
effect of left ventricle to coronary sinus fistula on outcome of (CR); 466
Tricuspid regurgitation, risk factor for biventricular repair of ccTGA; 137
Trisomy 13, Berry syndrome and (CR); 205
Trisomy 18, ethics of surgical intervention for (A); 181
Truncus arteriosus, single origin of right and left PA branches clarifies morphogenesis and etiology of (CR); 230
with very small ventricular septal defect, echocardiography of; 244
Umbilical vein anomaly, drainage into coronary sinus; 655
Urosepsis, recombinant tissue plasminogen activator for treatment of pulmonary embolism associated with (CR); 77
Valvar aortic stenosis, management of; 375
Valvular tumor, stroke and myocardial infarction secondary to (CR); 71
Ventricular septal defect, changes in pulmonary venous flow patterns in; 491
complete atrioventricular block after surgery for (CR); 80
in truncus arteriosus, echocardiography of; 244
3D echocardiography of; 266
Ventricular size and function, 3D echocardiography of; 266
Ventriculography, ECG-gated multiple diastolic injection of contrast material in; 200
Very-low-birth-weight (VLBW) infant, serial pulsed Doppler assessment of early LVO of; 442
Video-assisted cardioscopy, infectious endocarditis treated by (CR); 562